

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Docket 0074-535083
Alan James Coulson :
U.S. Appln. No. 10/561,702 : Confirmation No. 8160
Filed: 05/22/2006 :
For: Narrowband Interference Suppression :
for OFDM Systems :

Commissioner for Patents
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56, Applicant hereby submits copies of the documents, other than issued US patents/patent applications, as identified in the attached Forms PTO/SB/08A and 08B.

Please note that this application is the U.S. national phase of International Patent Application No. PCT/NZ2004/000134, filed June 25, 2004. An International Search Report was established by the Australian Patent Office for this international application and a copy of the International Search Report was transmitted to the U.S. Patent and Trademark Office by the International Bureau.

Applicant respectfully requests full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent which issues therefrom.

Respectfully submitted,
DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation

By Vincent T. Pace
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PTO Registration No. 31,049

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Enclosures: Forms PTO/SB/08A and 08B;

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/561,702
Filing Date	05/22/2006
First Named Inventor	Alan James Coulson
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	0074-535083

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² "Number ⁴ " Kind Code ³ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		WO 02/101953	12/19/2002	BROADCOM CORPORATION		
		EP 1 176 731	01/30/2002	TEXAS INSTRUMENTS INC.		
		EP 1 202 468	05/02/2002	HITACHI KOKUSAI ELECTR		
		WO 03/090422	10/30/2003	CONEXANT SYSTEMS INC.		
		EP 0 126 179	11/28/1984	SUMITOMO SPECIAL META		
		WO 02/069515	09/06/2002	MAGIS NETWORKS INC.		

Examiner Signature	Date Considered	
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/561,702
Filing Date	05/22/2006
First Named Inventor	Alan James Coulson
Art Unit	n/a
Examiner Name	n/a
Allspice Patent Number	6,674,526,002

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Juror Docket Number DD74-535083

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² , Number ³ , Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		WO 02/23781	03/21/2002	Industrial research limit

Ergänzung

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				First Named Inventor	Alan James Coulson
				Art Unit	n/a
				Examiner Name	n/a
Sheet	1	of	2	Attorney Docket Number	0074-535083

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		M.G. Amin et al., "Optimum Interference Excision In Spread Spectrum Communications Using Open-Loop Adaptive Filters," IEEE, 07/1999	
		R. Nilsson et al., "A Narrow-Band Interference Canceller for OFDM-based Systems," 4th Euro. Personal Mobile Comm. Conf., 02/2001	
		G.J. Saulnier et al., "Performance of a Spread Spectrum OFDM System in a Dispersive Fading Channel with Interference," IEEE, 10/1998	
		J.A. Young et al., "Performance Metrics for Windows Used in Real-Time DFT-Based Multiple-Tone Frequency Excision," IEEE, 03/1999	
		S. Kapoor et al., "Interference Suppression in DMT Receivers Using Windowing," IEEE, 06/2000	
		L.B. Milstein et al., "An Analysis of a Real-Time Transform Domain Filtering Digital Communication System - Part I: Narrow-Band Interference Rejection," IEEE, 06/1980	
		S.D. Sandberg, "Adapted Demodulation for Spread-Spectrum Receivers which Employ Transform-Domain Interference Excision," IEEE, 09/1995	
		G. Carron et al., "Comparison of Two Modulation Techniques Using Frequency Domain Processing for In-House Networks," IEEE, 02/2001	
		K. Witrisal, "Impact of DC-offsets and Carrier Feed-through on Correlation-based Frequency Synchronization for OFDM," 6th Intl. OFDM-Workshop 2001	
		D. Gerakoulis et al., "An Interference Suppressing OFDM System for Wireless Communications," IEEE, 04/2002	

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				Examiner Name	n/a
Sheet	2	of	2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		M. Kuhn et al., "Linear block codes for frequency selective PLC channels with colored noise and multiple narrowband interference," IEEE, 2002	
		R.W. Lowdermilk et al., "Interference Mitigation in Orthogonal Frequency Division Multiplexing (OFDM)," IEEE, 09/1996	
		S.J. Howard, "Narrowband Interference Rejection Using Small FFT Block Sizes," IEEE, 10/1992	
		J.G. Proakis, "Interference Suppression in Spread Spectrum systems," IEEE 09/1996	
		H-F Hsiao, "Narrow-Band Interference Rejection in OFDM-CDMA Transmission System," IEEE, 1998	

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